Ryan Ramirez

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Summary Statement

Identity & Access Management Specialist with an M.S. in Computer & Information Science. Proficient in Okta configuration and Microsoft Entra ID administration. Skilled at designing and enforcing RBAC policies, implementing SSO/MFA, and automating user-lifecycle workflows to strengthen security posture and streamline operations.

Education

MS   **Marquette University**, Computer & Information Science   May 2025
- GPA: 3.8/4.0
- **Specialization:** Information Assurance & Cyber Defense (NCAE-C accredited)

BS   **Marquette University**, Computer Science   May 2022
- **Minor:** Data Science

Experience

Identity & Access Management Engineer, CDW   Chicago, IL
2022 – 2024
- Led IAM deployments for enterprise clients using Okta and Microsoft Entra ID
- Developed and enforced RBAC policies to streamline identity workflows
- Automated provisioning and deprovisioning with Okta Workflows
- Integrated SSO/MFA across enterprise platforms to strengthen security posture
- Maintained compliance through secure lifecycle and access governance processes

Product Engineer, HIPAAChecker - Ubitrix / Marquette University   Spring 2025
- Conducted system testing and dashboard validation for HIPAA-compliance platform
- Assessed vulnerabilities across Android, Django, Laravel, and Rails apps
- Delivered product pitch for "dDream" at Marquette's Explorer Challenge 2.0

Teaching Assistant, GenCyber   Remote
Summer 2021
- Taught cybersecurity concepts including Kali Linux, Metasploit, and network mapping
- Facilitated hands-on activities for high school students

Skills

Technology & Tools: IAM (Okta, Microsoft Entra ID), Git/GitHub, Linux/Kali, Windows, MacOS, React Native, Node.js, Pandas, numpy, scipy, Matplotlib, seaborn, Scikit-learn, LaTeX

Programming Languages: Python, SQL, PowerShell, R, Java, JavaScript, C, Bash

Projects

JobTracker - Automated Job Application Scraper   Personal Project
- Developed a Google Apps Script tool to automate job application tracking in Google Sheets
- Scrapes LinkedIn job postings to parse and populate metadata (Title, Company, Location, Salary)
- Implements error handling and conditional formatting to flag failed scrapes or list-

ings requiring manual review
  - Tools: Google Apps Script (JavaScript)

dDream - Explorer Challenge 2.0 | Lead Presenter   Mar 2025

  - Represented a student-led product team at Marquette University's innovation showcase
  - Delivered a 5-minute pitch for "dDream," a smartphone-based platform for real-time physiological monitoring (Oxygen saturation, blood pressure, heart rate)
  - Translated engineering and biomedical concepts into accessible language for a non-technical judging panel
  - Designed a minimal 5-slide presentation deck focused on clarity, impact, and feasibility
  - Received recognition for communicating technical depth under time constraints

Socioeconomic Crime Analysis

  - Analyzed Milwaukee crime rates vs. median income using regression, geospatial visualizations, and demographic overlays
  - Explored race and income correlations using Milwaukee WIBRS, census, and income datasets
  - Tools: R, ggplot2, dplyr, tidyr, Census data, WIBR crime data

Certifications & Trainings

Okta Certified Professional   2022

Okta Workflows Automation Training - CDW   2023

OSCT Deep Learning Workshop - Marquette University   Mar 2025